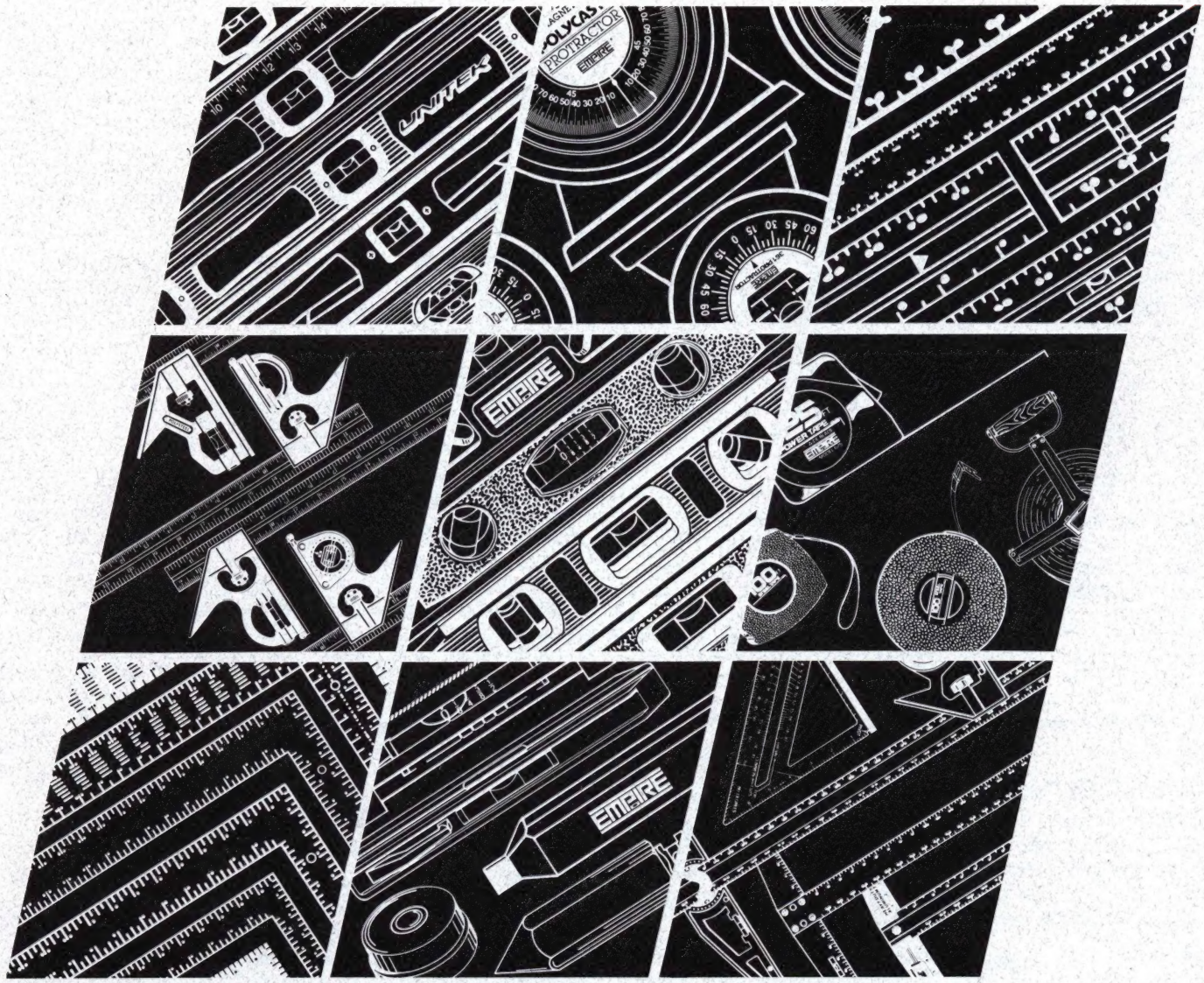
EMPIRE®

WORLD CLASS TOOLS™



1989/1990 CONSUMER LIST PRICES

EMPIRE LEVEL MFG. CORP.
EFFECTIVE JANUARY 1, 1990

LEVELS

330 POLYCAST® LEVELS

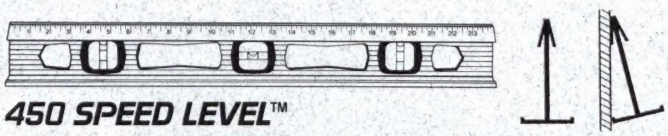
Replaces any wood or aluminum level. Non-conductive durable POLYCAST® frame. POLYCAST® construction provides parallel and straight edges and will not mar wood or scratch paint or household appliances. Pat. 4125490, 4571845

Catalog Number	Vial Code	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
330-24"	VI	3.750 lbs.	5 ea.	20 ea.	.567 c.F.	7.99
330-36"	IV	5.250 lbs.	5 ea.	20 ea.	1.080 c.F.	9.99
330-48"	IV	9.560 lbs.	5 ea.	20 ea.	1.528 c.F.	15.99

430 TRADESMAN ALUMINUM LEVELS

Rigid aluminum I-Beam frame with tough acrylic vials. Notched frame and locking cover plates designed to hold vials in true position.

430-24"	IV	4.500 lbs.	6 ea.	NA	.215 c.F.	9.99
430-48"	IV	6.625 lbs.	6 ea.	NA	.425 c.F.	17.99



450 SPEED LEVEL™

Triangular aluminum frame design allows the user to level, measure and cut. Silk screened graduations lie flush to the working surface for easy transfer of measurements. Three acrylic vials read plumb and level. Pat. Pending

450-24"	IV	4.000 lbs.	4 ea.	NA	.152 c.F.	12.99
450-36"	IV	6.000 lbs.	4 ea.	NA	.228 c.F.	17.99
450-48"	IV	8.000 lbs.	4 ea.	NA	.304 c.F.	21.99

580 UNITEK™ LEVELS ®

Solid I-beam frame with non-adjustable replaceable acrylic vials. Top reading windows simplify viewing. UNITEK's™ advanced frame design assures accuracy. Available in VARI-PITCH™ (VP), 45° vial, or adjustable protractor (pro) models. **Lifetime Warranty.** Pat. 4463501, Pat. Pending

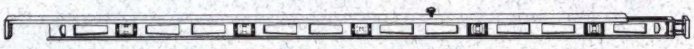
*580-18"VP	V	1.900 lbs.	2 ea.	10 ea.	.390 c.F.	15.49
*580-18"PRO	VIII	1.900 lbs.	2 ea.	10 ea.	.390 c.F.	17.49
580-24"	IV	2.300 lbs.	2 ea.	10 ea.	.520 c.F.	15.49
580-24/45°	VI	2.300 lbs.	2 ea.	10 ea.	.520 c.F.	15.49
*580-24"VP	V	2.300 lbs.	2 ea.	10 ea.	.520 c.F.	16.49
*580-24"PRO	VIII	2.300 lbs.	2 ea.	10 ea.	.520 c.F.	18.49
580-36"	IV	3.400 lbs.	2 ea.	10 ea.	.729 c.F.	25.99
580-48"	IV	4.200 lbs.	2 ea.	10 ea.	1.092 c.F.	29.99
580-72"	VII	3.900 lbs.	1 ea.	NA	.352 c.F.	68.69
580-78"	VII	4.250 lbs.	1 ea.	NA	.352 c.F.	76.99

*One V-Groove Edge
580-18"PRO, 580-24"PRO Feature Black Side Panels

581 MAGNETIC UNITEK™ LEVELS ®

Magnetic edge frees hands. Top reading window simplifies viewing. Acrylic vials are replaceable. UNITEK's™ advanced frame design assures accuracy. **Lifetime Warranty.** Pat. 4463501, Pat. Pending

Catalog Number	Vial Code	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
581-24"	VI	2.750 lbs.	2 ea.	10 ea.	.520 c.F.	18.99
581-36"	IV	4.000 lbs.	2 ea.	10 ea.	.729 c.F.	26.49
581-48"	IV	5.400 lbs.	2 ea.	10 ea.	1.092 c.F.	33.99
581-72"	VII	4,900 lbs.	1 ea.	5 ea.	1.760 c.F.	78.99



LAYOUT LEVEL ®

A must for transferring plumb lines from floor to ceiling. Extends from 6'6" to 10'. Use in setting steel studs and drywalling. Magnetic edge adheres to ferrous surfaces. **Lifetime Warranty.**

710	IX	11.625 lbs.	1 ea.	NA	.932 c.F.	270.00

880 HEAVY DUTY ALUMINUM LEVELS ®

Our finest solid I-beam aluminum levels feature durable replaceable acrylic vials. VARI-PITCH™ vial reads level to ½" per foot pitch in ⅛" increments. 24" and 48" models feature durable, protective ABS panels that fit flush to the outer working edges, top reading windows, and milled edges for accuracy. **Lifetime Warranty.** Pat. 4463501, 4559714, Pat. Pending

880-24"	V	1.702 lbs.	1 ea.	10 ea.	.493 c.F.	22.89
880-48"	III	2.936 lbs.	1 ea.	10 ea.	1.092 c.F.	45.89
880-72"	VII	4.900 lbs.	1 ea.	5 ea.	1.760 c.F.	81.89
880-78"	VII	5.100 lbs.	1 ea.	5 ea.	2.934 c.F.	89.99
880-96"	XIV	6.100 lbs.	1 ea.	NA	2.184 c.F.	99.99

®

881 MAG. HEAVY DUTY ALUMINUM LEVELS

Magnetic edge frees hands. Machined edges assure accuracy. Top read windows. Durable acrylic vials are replaceable. 24" and 48" models have ABS protective panels mounted over the solid I-beam frame. Used for setting door jambs, windows, steel studs. **Lifetime Warranty.** Pat. 4463501, Pat. Pending

881-24"	VI	1.750 lbs.	1 ea.	10 ea.	.493 c.F.	30.99
881-48"	II	3.255 lbs.	1 ea.	10 ea.	1.092 c.F.	55.99
881-78"	VII	5.620 lbs.	1 ea.	5 ea.	2.934 c.F.	109.99

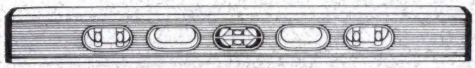
® **Lifetime Warranty**

BRASS BOUND WOOD LEVELS

Made of select Honduran Mahogany with brass bound edges. Beveled end cushions protect from shock. Six glass vials incased behind clear crystal glass, read level and plumb.

Catalog Number	Vial Code	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
990BB-18"	IV	10.500 lbs.	6 ea.	NA	.219 c.f.	35.99
990BB-24"	IV	12.600 lbs.	6 ea.	NA	.291 c.f.	39.99
990BB-36"	IV	18.000 lbs.	6 ea.	NA	.437 c.f.	49.99
990BB-42"	IV	20.400 lbs.	6 ea.	NA	.546 c.f.	53.99
990BB-48"	IV	23.400 lbs.	6 ea.	NA	.655 c.f.	54.99
* 992BB-24"	XIII	12.600 lbs.	6 ea.	NA	.291 c.f.	39.99
* 992BB-48"	XIII	23.400 lbs.	6 ea.	NA	.655 c.f.	54.99

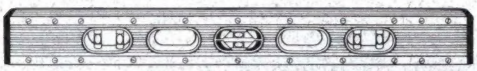
*Cats eye green vial fluid



I-BEAM WOOD LEVELS

Honduran Mahogany inlaid on solid I-beam frame for rigidity. Six glass vials read level and plumb. Beveled end cushions protect from shock.

990IB-24"	IV	2.350 lbs.	1 ea.	5 ea.	.275 c.f.	43.99
990IB-48"	IV	4.700 lbs.	1 ea.	5 ea.	.546 c.f.	59.99
990IB-72"	IV	7.050 lbs.	1 ea.	5 ea.	.820 c.f.	89.99



VELÁNDER™ FLAT BRASS WOOD LEVELS

Heavy duty brass 3/8" wide and 1/16" thick. Precision fit along all edges and firmly fastened with brass screws. Preferred by masons and bricklayers who want the best. Select Honduran Mahogany. Shock absorbing ends.

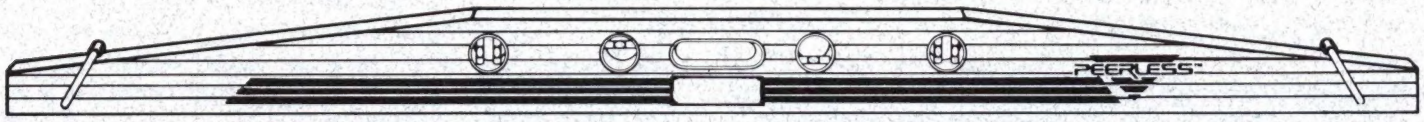
Catalog Number	Vial Code	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
20-018"	XIII	1.650 lbs.	1 ea.	5 ea.	.182 c.f.	45.99
20-024"	XIII	2.100 lbs.	1 ea.	5 ea.	.242 c.f.	49.99
20-036"	XIII	3.300 lbs.	1 ea.	5 ea.	.364 c.f.	59.99
20-042"	XIII	3.600 lbs.	1 ea.	5 ea.	.455 c.f.	63.99
20-048"	IV	4.250 lbs.	1 ea.	5 ea.	.546 c.f.	64.99
* 20-224"	IV	2.300 lbs.	1 ea.	5 ea.	.242 c.f.	49.99
* 20-248"	IV	4.250 lbs.	1 ea.	5 ea.	.546 c.f.	64.99

*Clear vial fluid

PROTECTIVE LEVEL POUCH

New vinyl pouch for 48" levels keeps your level looking new longer and provides protection against broken windows and vials. Velcro closure and hang hole.

04-006		1.750 lbs.	1 ea.	NA	.262 c.f.	19.99

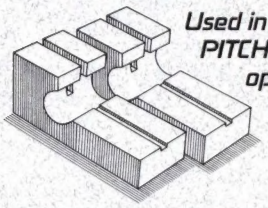


12-078 DOOR JAMB LEVEL

Made of selected fine pattern grade Honduran Mahogany. Has shock absorbing end plates and hinged blocks for setting rough frames. Two level and four plumb vials. Brass plate for personalizing. Shipped in its own vinyl carrying case for protection and storage.

12-078	II	12.750 lbs.	1 ea.	NA	.750 c.f.	299.99

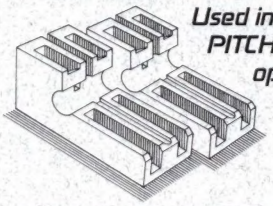
65-3 WOOD LINE BLOCKS



Used in conjunction with standard and VARI-PITCH™ line levels and nylon line. Assures opposite sides of brick or block walls are being constructed level and straight.

Catalog Number	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
65-3	2.000 lbs.	12 pr.	NA	.074 c.f.	1.99

66-3 POLYCAST® LINE BLOCKS



Used in conjunction with standard and VARI-PITCH™ line levels and nylon line. Assures opposite sides of brick or block walls are being constructed level and straight.

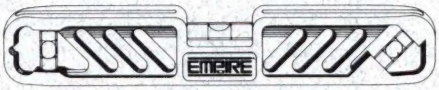
Catalog Number	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
66-3	1.625 lbs.	12 pr.	NA	.209 c.f.	2.99

TORPEDO LEVELS

33-9 9" POLYCAST® TORPEDO

Strong, accurate 9" POLYCAST® frame featuring vials reading plumb, level, and 45.° Non-conductive frame insulates from heat and cold. Patent 4571845

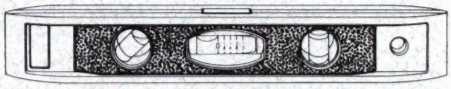
Catalog Number	Vial Code	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
33-9"	VI	1.830 lbs.	10 ea.	50 ea.	.779 c.f.	3.49
33-9"BLK	VI	9.290 lbs.	55 ea.	55 ea.	.334 c.f.	2.99



331-9 9" POLYCAST® MAGNETIC TORPEDO

Durable, lightweight, non-conductive POLYCAST® 9" frame provides vials reading plumb, level, and 45.° Magnetic base frees hands. Patent 4571845

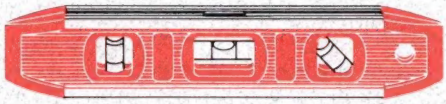
331-9"	VI	1.900 lbs.	10 ea.	50 ea.	.779 c.f.	4.99



332-9 9" INSPECTORS MAGNETIC VARI-PITCH™ TORPEDO

Durable 9" non-conductive, non-corrosive POLYCAST® frame with a magnetic edge. VARI-PITCH™ vial reads from level to ½" per foot pitch in ⅛" increments. V-groove edge allows sure footed use on pipe or conduit.

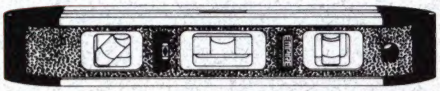
332-9"	XI	2.250 lbs.	10 ea.	50 ea.	.779 c.f.	7.99



581-9 9" MAGNETIC UNITEK™ TORPEDO ®

Advanced UNITEK™ frame design assures accuracy. V-groove working edge fits on pipe, conduit or bar stock. Magnetic base frees hands. Top read window improves readability. **Lifetime Warranty.** Patent 4463501

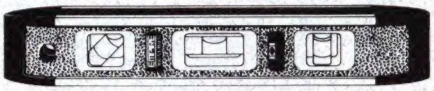
581-9"	IV	3.000 lbs.	10 ea.	50 ea.	.779 c.f.	9.99



99-9 9" ALUMINUM TORPEDO ®

Strong aluminum frame includes top reading and vials reading plumb, level and 45.° Frame features a V-grooved working edge for pipe work. **Lifetime Warranty.**
Patent 4463501

Catalog Number	Vial Code	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
99-9"	VI	2.950 lbs.	10 ea.	50 ea.	.779 c.f.	10.99

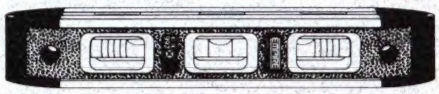


®

991-9 9" MAGNETIC ALUMINUM TORPEDO

Includes a magnetic working edge, aluminum frame, shock absorbing endplates, and V-grooved working edge. Vials read plumb, level, and 45.° **Lifetime Warranty** Patent 4463501

991-9"	VI	3.260 lbs.	10 ea.	50 ea.	.779 c.f.	11.49

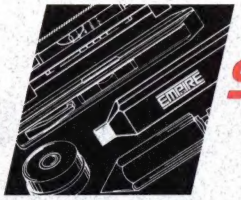


992-9 9" MAGNETIC ALUMINUM VARI-PITCH™ TORPEDO ®

Three top read windows for viewing two VARI-PITCH™ vials and one level vial. VARI-PITCH™ vial reads from level to ½" per foot pitch in ⅛" increments. Magnetic base frees hands. **Lifetime Warranty.** Patent 4463501

992-9"	XII	3.120 lbs.	10 ea.	50 ea.	.779 c.f.	14.99

® *Lifetime Warranty*

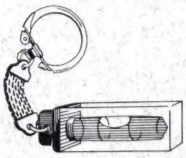


SPECIAL PURPOSE TOOLS

3604 BULLSEYE™ LEVEL

Levels in all directions. Use on appliances, cameras and scales.

Catalog Number	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
3604	.580 lbs.	10 ea.	50 ea.	.407 c.f.	2.99

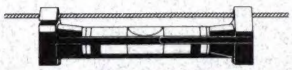


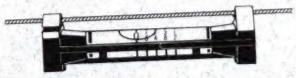
800 KEY CHAIN VIAL

Cast acrylic block vial has steel marking ring. Has latch type key ring. Carded or bulk in "Gumball" jar.

800	.625 lbs.	15 ea.	75 ea.	.536 c.f.	2.49
*800-01	3.625 lbs.	50 ea.	NA	.231 c.f.	124.50

*1 complete unit of 50 pieces in gumball jar





83-3 LINE AND SURFACE LEVEL

Lightweight construction minimizes line sag. Unbendable open hooks allow level to slide freely.

83-8 VARI-PITCH™ LINE LEVEL

VARI-PITCH™ vial reads from level to 1/2" per foot in 1/8" increments. Use for landscaping, plumbing, suspended ceilings, and gutters.

83-3	.510 lbs.	10 ea.	50 ea.	.479 c.f.	2.59
83-8	.550 lbs.	10 ea.	50 ea.	.479 c.f.	2.59

84-5 POCKET LEVEL

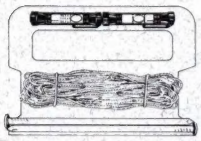
Strong molded frame with top reading window. Durable molded pocket clip.

84-5"	.637 lbs.	10 ea.	50 ea.	.407 c.f.	2.99

87-7 CARPENTERS' PENCILS 4/CARD

Its unique shape prevents rolling. Heavy duty construction handles tough jobs. Medium lead can be easily sharpened. Skin wrapped 4 per card.

87-7	1.820 lbs.	10 ea.	50 ea.	.779 c.f.	3.49
87-7BLK	1.625 lbs.	72 ea.	72 ea.	.058 c.f.	.65



83-100 6-PIECE DECK AND GRADEKIT™

GRADEKIT™ contains 1 line level, 1 VARI-PITCH™ line level, 100 ft. braided nylon line, 2 line stakes and 1 line holder. Use for landscaping, fencing, drives, walks, patios, decks, drainage pipes, etc.

83-100	6.440 lbs.	10 ea.	40 ea.	1.398 c.f.	9.99

65-100 100' NYLON LINE

High test braided nylon line. For use with line level when establishing level or pitch over long distances.

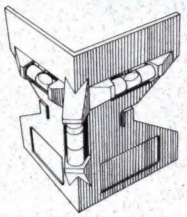
65-100	4.100 lbs.	10 ea.	50 ea.	.479 c.f.	2.49

905 5 OZ. PLUMB BOB
908 8 OZ. PLUMB BOB

Empire steel plumb bob with plated finish to resist corrosion. Plumb bob easily ties to any string or line to transfer plumb from top to bottom. Used in wallpapering, installing support beams, etc.

Catalog Number	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
905	1.900 lbs.	5 ea.	25 ea.	.332 c.f.	3.99
908	2.900 lbs.	5 ea.	25 ea.	.332 c.f.	4.99

720 POST LEVEL
721 MAGNETIC POST LEVEL



Sturdy, high-impact POLYCAST® construction. Three durable adjustment free acrylic vials read plumb and level. Use when establishing plumb or level on decks, fences, support poles, mailboxes and more. Model 721 features magnetic edges for use on ferrous surfaces.

720	1.500 lbs.	6 ea.	NA	.225 c.f.	6.10
721	1.875 lbs.	6 ea.	NA	.225 c.f.	8.10

FLAGGING TAPE

Durable, embossed, plastic sheeting. Nontoxic. Remains pliable in cold weather. 12 rolls per pack. Lime, orange, pink, 150'×1 3/16"×3 mils thick. Blue, white, red 300'×1 3/16"×3 mils thick.

Catalog Number	Length	Color	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
77-001	150'	Glo-Lime	4.000 lbs.	12 ea.	144 ea.	1.616 c.f.	1.49
77-002	150'	Glo-Orange	4.000 lbs.	12 ea.	144 ea.	1.616 c.f.	1.49
77-003	150'	Glo-Pink	4.000 lbs.	12 ea.	144 ea.	1.616 c.f.	1.49
77-004	150'	Glo-Yellow	4.000 lbs.	12 ea.	144 ea.	1.616 c.f.	1.49
77-005	300'	Blue	4.000 lbs.	12 ea.	144 ea.	1.616 c.f.	1.49
77-006	300'	White	4.000 lbs.	12 ea.	144 ea.	1.616 c.f.	1.49
77-007	300'	Red	4.000 lbs.	12 ea.	144 ea.	1.616 c.f.	1.49

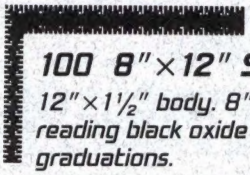
CAUTION TAPE

High visibility 3" safety yellow caution tape is made of durable plastic sheeting. Bold black letters are printed with durable ink to assure high visibility and long life.

77 CAU-2C	200'	Yellow	13.000 lbs.	12 ea.	36 ea.	1.265 c.f.	7.99
*77 CAU-3C	300'	Yellow					
*77 CAU-1M	1000'	Yellow					

*See your Empire representative for current pack quantities and price information.

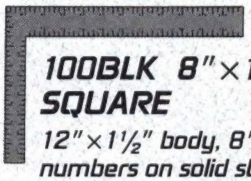
FRAMING SQUARES



100 8"×12" STEEL CARPENTERS SQUARE

12"×1½" body. 8"×1" tongue. Steel square has easy reading black oxide finish with white numbers and graduations.

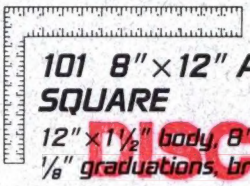
Catalog Number	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
100	5.930 lbs.	10 ea.	40 ea.	.347 c.f.	6.49



100BLK 8"×12" STEEL CARPENTERS SQUARE

12"×1½" body, 8"×1" tongue. Permanently stamped numbers on solid steel with a protective epoxy finish.

100BLK	5.930 lbs.	10 ea.	40 ea.	.347 c.f.	4.49

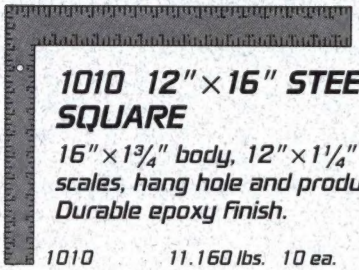


101 8"×12" ALUMINUM CARPENTERS SQUARE

12"×1½" body, 8"×1" tongue. Permanently stamped ⅛" graduations, brushed aluminum finish. Hang hole.

DISCONTINUED

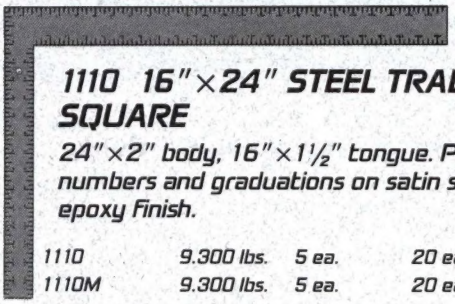
101	2.300 lbs.	10 ea.	40 ea.	.347 c.f.	2.99



1010 12"×16" STEEL CARPENTERS SQUARE

16"×1¾" body, 12"×1¼" tongue. ⅛" graduated scales, hang hole and product information sleeve. Durable epoxy finish.

1010	11.160 lbs.	10 ea.	40 ea.	.541 c.f.	6.49

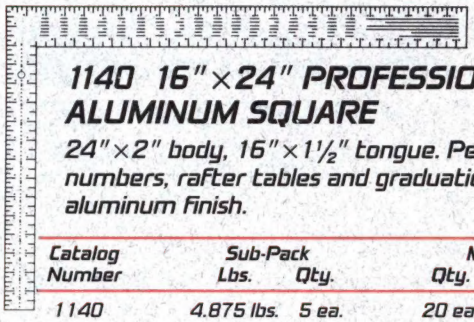


1110 16"×24" STEEL TRADESMAN SQUARE

24"×2" body, 16"×1½" tongue. Permanently stamped numbers and graduations on satin steel finish. Durable epoxy finish.

1110	9.300 lbs.	5 ea.	20 ea.	1.182 c.f.	7.99
1110M	9.300 lbs.	5 ea.	20 ea.	1.182 c.f.	7.99

M — Metric Graduations



1140 16"×24" PROFESSIONAL ALUMINUM SQUARE

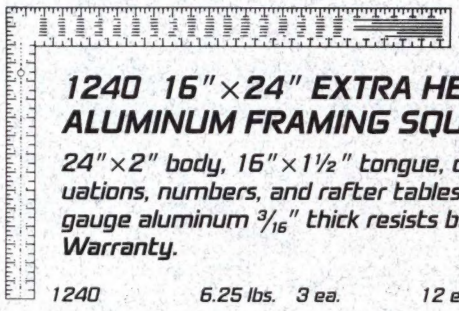
24"×2" body, 16"×1½" tongue. Permanently stamped numbers, rafter tables and graduations on brushed aluminum finish.

Catalog Number	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
1140	4.875 lbs.	5 ea.	20 ea.	1.182 c.f.	14.99

1190 16"×24" HEAVY DUTY PROFESSIONAL ALUMINUM SQUARE WITH INSTRUCTION MANUAL ®

24"×2" body, 16"×1½" tongue. Easy reading anodized finish with permanently stamped white numbers, complete rafter tables and graduations. Includes instruction manual. Lifetime Warranty.

1190	5.395 lbs.	5 ea.	20 ea.	1.182 c.f.	25.99



1240 16"×24" EXTRA HEAVY DUTY ALUMINUM FRAMING SQUARE ®

24"×2" body, 16"×1½" tongue, deep stamped graduations, numbers, and rafter tables for long life. Heavy gauge aluminum 3/16" thick resists bending. Lifetime Warranty.

1240	6.25 lbs.	3 ea.	12 ea.	1.182 c.f.	25.99

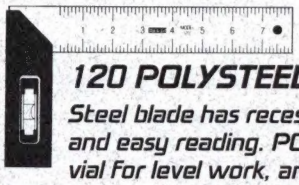
290TAB RAFTER TABLES AND FRAMING SQUARE INSTRUCTION MANUAL

Use with any framing or rafter square. This complete manual of conversion charts contains all the information necessary for layout or roofing work.

290TAB	1.375 lbs.	10 ea.	50 ea.	.479 c.f.	2.49

® Lifetime Warranty

COMBINATION SQUARES



120 POLYSTEEL™ TRY SQUARE

Steel blade has recessed 1/8" graduations for longer life and easy reading. POLYCAST® handle includes acrylic vial for level work, and top reading window.

Catalog Number	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
120	4.300 lbs.	10 ea.	40 ea.	.592 c.f.	8.29

130 POLYSTEEL™ T-BEVEL

POLYSTEEL™ T-Bevel has a durable POLYCAST® handle with recessed hand grip. The low profile locking nut allows for left or right hand use. Adjustable 8" steel blade.

130	3.300 lbs.	10 ea.	50 ea.	.779 c.f.	4.49

220 POLYSTEEL™ COMBINATION SQUARE

Twelve-inch steel blade with pencil guide. Self-aligning drawbolt for easy blade installation. Durable POLYCAST® head with full view acrylic vial. Use for measuring and checking depth.

220	4.290 lbs.	10 ea.	40 ea.	.845 c.f.	5.19
220EM	4.290 lbs.	10 ea.	40 ea.	.845 c.f.	5.19
220M	4.290 lbs.	10 ea.	40 ea.	.845 c.f.	5.19

EM — Eng./Met. blade M — Met. blade

230 PROFESSIONAL COMBINATION SQUARE

Twelve-inch steel blade with pencil guide. Self-aligning drawbolt for easy blade installation. Machined head with cats-eye mounted acrylic vial. Use for measuring and checking depth.

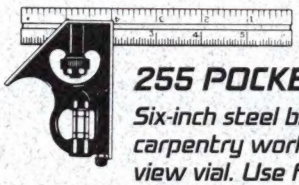
230	6.920 lbs.	10 ea.	40 ea.	.845 c.f.	8.89
230EM	6.920 lbs.	10 ea.	40 ea.	.845 c.f.	8.89
230M	6.920 lbs.	10 ea.	40 ea.	.845 c.f.	8.89

EM — Eng./Met. blade M — Met. blade

250 HEAVY DUTY PROFESSIONAL COMBINATION SQUARE ®

Machined square head with full view vial features a self aligning steel drawbolt and hardened scriber. Easy reading black and white blade features pencil guide. Use for measuring and checking depth. **Lifetime Warranty.**

Catalog Number	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
250	7.020 lbs.	10 ea.	40 ea.	.845 c.f.	12.69



255 POCKET SQUARE

Six-inch steel blade simplifies finishing and rough carpentry work. Machined square head with full view vial. Use for making accurate 90° and 45° markings, measuring and checking depth.

255	2.980 lbs.	10 ea.	40 ea.	.522 c.f.	9.99

280 16" HEAVY DUTY PROFESSIONAL COMBINATION SQUARE ®

Sixteen-inch blade spans wider boards. Machined head features full view vial, self aligning steel drawbolt, and hardened scriber. Use for measuring and checking depth. **Lifetime Warranty.**

280	7.810 lbs.	10 ea.	40 ea.	1.090 c.f.	13.99

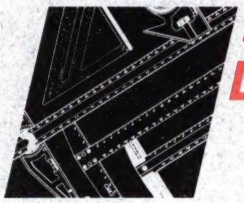
285 PROTRACTOR COMBINATION SQUARE ®

Machined head features angle reference protractor for measuring any angle. Easy reading blade with pencil guide. Self aligning drawbolt, scriber. Use for measuring and checking depth. **Lifetime Warranty.**

285	7.480 lbs.	10 ea.	40 ea.	.845 c.f.	15.99
285EM	7.480 lbs.	10 ea.	40 ea.	.845 c.f.	15.99

EM — Eng./Met blade

® Lifetime Warranty

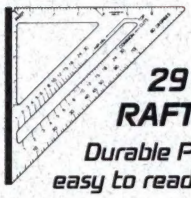


RAFTER SQUARES
LARGE T-SQUARES

290 RAFTER LAYOUT SQUARE ®

Easy reading black and white square comes carded with easy to read instruction manual. **Lifetime Warranty.**

Catalog Number	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
290	8.687 lbs.	10 ea.	40 ea.	1.398 c.f.	10.99



291 POLYSTEEL™ RAFTER SQUARE

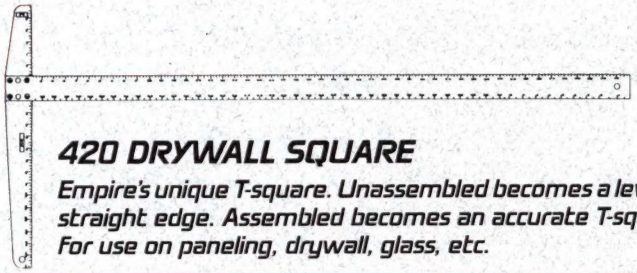
Durable POLYSTEEL™ Rafter Square features an easy to read instruction manual.

291	6.900 lbs.	10 ea.	40 ea.	1.398 c.f.	5.19

294 RAFTER SQUARE ®

Heavy-Duty construction with easy reading recessed graduations and numbers. Instruction manual. **Lifetime Warranty.**

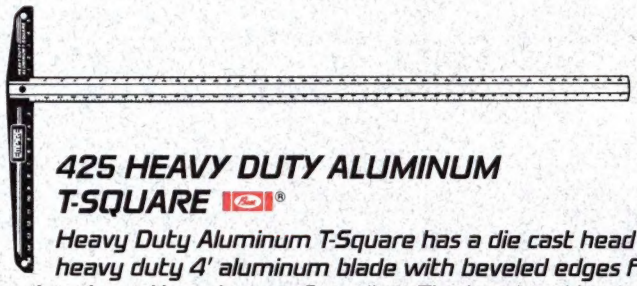
294	8.750 lbs.	10 ea.	40 ea.	1.398 c.f.	8.99
294BLK	13.000 lbs.	20 ea.	NA	.519 c.f.	6.29



420 DRYWALL SQUARE

Empire's unique T-square. Unassembled becomes a level or straight edge. Assembled becomes an accurate T-square for use on paneling, drywall, glass, etc.

Catalog Number	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
420	3.950 lbs.	2 ea.	20 ea.	1.873 c.f.	17.99

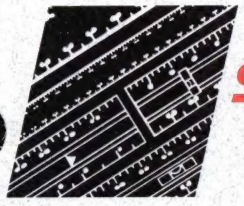


425 HEAVY DUTY ALUMINUM T-SQUARE ®

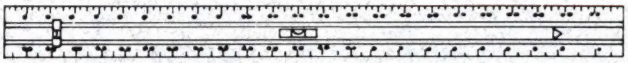
Heavy Duty Aluminum T-Square has a die cast head and heavy duty 4' aluminum blade with beveled edges for extra strength and ease of reading. The head and blade can be assembled or disassembled quickly and easily with a hand screw. Can be used for paneling, drywalling, measuring, etc. **Lifetime Warranty.**

425	5.400 lbs.	2 ea.	10 ea.	.937 c.f.	29.99

® Lifetime Warranty



STRAIGHT EDGES



POLYCAST® BubbleStick®

POLYCAST® straight edge with level and plumb vials. Easy reading silk screened graduations. Use as a level or a ruler. Will not mar or scratch fine surfaces. Handy for wallpaper and shelving work. Model 323 has one center finding scale and one standard scale.

Catalog Number	Length	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
322EM	24"	2.900 lbs.	5 ea.	40 ea.	.854 c.f.	5.99
323	36"	4.250 lbs.	5 ea.	40 ea.	1.268 c.f.	7.49
323EM	36"	4.250 lbs.	5 ea.	40 ea.	1.268 c.f.	7.49
320	48"	5.700 lbs.	5 ea.	40 ea.	1.667 c.f.	7.99
320EM	48"	5.700 lbs.	5 ea.	40 ea.	1.667 c.f.	7.99

EM — Eng./Met. blade

ALUMINUM STRAIGHT EDGES

Heavy duty 2" wide aluminum straight edge rules simplify upholstery work, glass cutting, or any task where measuring and/or straightness is necessary. Model 403 has lightweight 1" wide blade.

Catalog Number	Length	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
4002	24"	5.000 lbs.	8 ea.	NA	.06 c.f.	3.99
4003	36"	7.500 lbs.	8 ea.	NA	.09 c.f.	5.79
4004	48"	10.000 lbs.	8 ea.	NA	.12 c.f.	8.39
4006	72"	9.500 lbs.	5 ea.	NA	.095 c.f.	14.69
403	36"	2.530 lbs.	10 ea.	70 ea.	.154 c.f.	2.49

PROTRACTORS

36 MAGNETIC POLYCAST® PROTRACTOR

Magnetic base and back for hands free reading on ferrous surfaces. Easy reading dial with adjustable angle pointer. Built in angle pitch calculator on back. POLYCAST® construction.

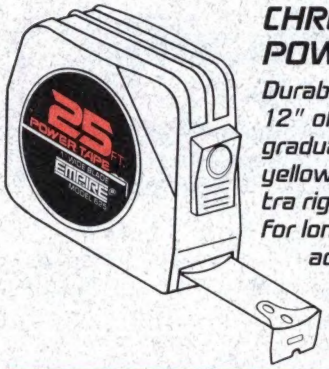
Catalog Number	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
36	4.300 lbs.	10 ea.	40 ea.	1.125 c.f.	12.99

361 SMALL ANGLE PROTRACTOR

Full view acrylic MONO-VIAL® outer protractor dial graduated in 5° increments. Can transfer angles accurately within 1°. Magnetic base for hands free reading. POLYCAST® construction.

Catalog Number	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
361	1.600 lbs.	10 ea.	50 ea.	.869 c.f.	7.99

STEEL TAPES



CHROME CASE POWER TAPE

Durable chrome plated case. The first 12" of the blade is divided into 32nd graduations. Bold letters on a bright yellow tape provide easy reading. Ultra rigid blade with an acrylic coating for long life. Sliding end hook allows accurate inside and outside measurements. Includes stainless steel belt clip. **Lifetime Warranty.**

Catalog Number	Blade Length	Blade Width	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
610	10'	5/8"	3.750 lbs.	10 ea.	40 ea.	.744 c.f.	4.99
616	16'	3/4"	5.900 lbs.	10 ea.	40 ea.	.762 c.f.	8.69
625	25'	1"	9.750 lbs.	10 ea.	40 ea.	.984 c.f.	12.59
*625-11	25'	1"	9.750 lbs.	10 ea.	40 ea.	.984 c.f.	13.69
630	30'	1"	11.700 lbs.	10 ea.	40 ea.	1.08 c.f.	14.79
*630-11	30'	1"	11.700 lbs.	10 ea.	40 ea.	1.08 c.f.	15.89

*Trapped blister packaging

BLACK ABS CASE POWER TAPE

Durable black ABS case. The first 12" of tape is divided into 32nd graduations. Bold letters on a bright yellow tape provide easy reading. Ultra rigid blade with durable acrylic coating for long life. Sliding end hook allows accurate inside and outside measurements. Includes stainless steel belt clip.

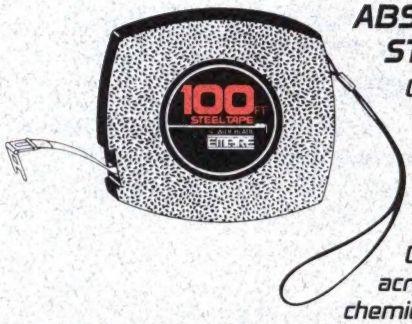
606EM	6'	1/2"	2.500 lbs.	10 ea.	40 ea.	.670 c.f.	3.59
612	12'	5/8"	4.100 lbs.	10 ea.	40 ea.	.744 c.f.	4.99
616EM	16'	3/4"	6.100 lbs.	10 ea.	40 ea.	.762 c.f.	8.59

KEY CHAIN TAPE MEASURE

A 36" measuring tape that doubles as a durable key chain. Its miniature size allows for easy storage in pocket or purse. Carded or bulk in "gumball" jar.

600	3'	1/8"	.700 lbs.	20 ea.	100 ea.	.493 c.f.	1.59
*600-01	3'	1/8"	3.300 lbs.	50 ea.	NA	.231 c.f.	79.50

*1 complete unit of 50 pieces in gumball jar



ABS CASE STEEL TAPE

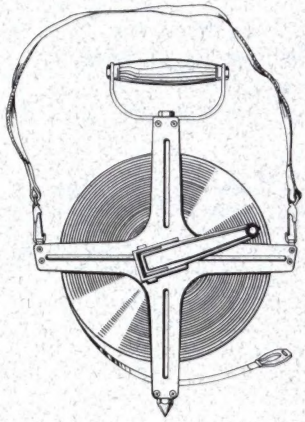
Compact style fits hand. High impact ABS case has black finish. Back of case has folding rewind crank for fast reliable blade retrieval. Carbon steel blade has acrylic coating to resist chemicals, corrosion, and breakage. Black numbers and graduations with foot markings in red. Zero starts at end of hook.

Catalog Number	Blade Length	Blade Width	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
6550	50'	3/8"	3.750 lbs.	5 ea.	NA	.100 c.f.	11.49
6599	100'	3/8"	5.700 lbs.	5 ea.	NA	.150 c.f.	16.49

STEEL CASE STEEL TAPE

Traditional style PVC coated steel case has folding rewind crank. Carbon steel blade has acrylic coating to resist chemicals, corrosion, and breakage. Black numbers and graduations on bright yellow blade provide maximum contrast for easy reading. Foot markings are in red. Zero starts at end of hook.

6650	50'	3/8"	3.900 lbs.	5 ea.	NA	.150 c.f.	15.69
6699	100'	3/8"	6.250 lbs.	5 ea.	NA	.200 c.f.	25.49



300' OPEN REEL STEEL TAPE

Heavy duty steel frame with comfortable wood handle, folding rewind crank and steel marking point. Nylon coated steel tape is highly resistant to common chemical corrosion, abrasion and breakage. Black numbers and graduations are printed on yellow blade for easy reading. Foot markings are in red. Shoulder strap for easy carrying and handling. Boxed.

6930	300'	1/2"	7.500 lbs.	1 ea.	NA	2.200 c.f.	198.99

FIBERGLASS TAPES

STEEL CASE FIBERGLASS TAPES

White fiberglass material will not rot, corrode or distort and is non-conductive. Numbers and graduations are printed in black, foot markings are printed in red for easy identification. Feet and inches on one side and tenths of feet, engineer's scale, on reverse. Tape end has reinforced leader and plated steel end hook. Zero starts at end of hook. Designed for use outdoors by surveyors, realtors, and landscapers.

Catalog Number	Blade Length	Blade Width	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
650	50'	½"	3.125 lbs.	5 ea.	NA	.200 c.f.	12.69
6100	100'	½"	7.250 lbs.	5 ea.	NA	.300 c.f.	20.99

OPEN REEL ABS FRAME FIBERGLASS TAPES

Heavy duty construction. ABS body has comfortable handle, folding rewind crank, and marking point. Fiberglass tape material will not rot, corrode, or distort. Zero starts at end of folding blade hook. Tape blade is marked on both sides. Top is marked with ⅛" graduation. Back has tenths of feet, engineer's scale. Numbers and graduations are printed black on a white blade with red foot markings.

Catalog Number	Blade Length	Blade Width	Sub-Pack Lbs.	Sub-Pack Qty.	Master Qty.	Master Cubic Ft.	Sugg. List Price
6750	50'	½"	5.500 lbs.	5 ea.	NA	1.700 c.f.	11.49
6799	100'	½"	7.240 lbs.	5 ea.	NA	2.080 c.f.	19.99
*6799EM	100'	½"	7.240 lbs.	5 ea.	NA	2.080 c.f.	19.99
6816	165'	½"	7.500 lbs.	5 ea.	NA	2.600 c.f.	26.99
6820	200'	½"	8.248 lbs.	5 ea.	NA	2.600 c.f.	37.49
*6820EM	200'	½"	8.248 lbs.	5 ea.	NA	2.600 c.f.	37.49
6830	300'	½"	3.000 lbs.	1 ea.	NA	3.624 c.f.	49.99

*EM — Eng./Met. blade

REPLACEMENT PARTS

Catalog Number	Description	Sub-Pack	Sugg. List
550P	Fits all 550 Models with Plumb and 45 (Carded)	5 ea.	4.99
550TR	Fits 550 Models with Top Reading (Carded)	5 ea.	4.99
660P	Fits all 660, 661, 440, 441 Models with Plumb and 45 (Carded)	5 ea.	4.99
660TR	Fits 660 and 661 Models and Top Reading (Carded)	5 ea.	4.99
880CK	880 Protractor Conversion Kit (Carded)	5 ea.	4.99
880P	Fits 880 and 881 Models with Plumb (Carded)	5 ea.	4.99
880PP	Fits 880-72" and 78" with Plumb VARI-PITCH™ (Carded)	5 ea.	4.99
880TR	Fits 880 and 881 Models with Top Reading (Carded)	5 ea.	4.99
880VP	Fits 880 and 881 Models with Top Reading VARI PITCH™ (Carded)	5 ea.	4.99
881-45	Fits 881 Model with 45° (Carded)	5 ea.	4.99
710EP	Endplate Assembly for 710 Layout Level	1 ea.	59.00
710K	Slide Knob for 710 Layout Level	1 ea.	16.72
710P	Slide Pointer for 710 Layout Level	1 ea.	23.02
710S	Complete Slide Assembly for 710 Layout Level	1 ea.	140.00

TERMS

PRICES:
Subject to change without notice. Orders accepted only on the basis of prices in effect on date of shipment.

PAYMENT TERMS:
Terms are net 30 days.

MINIMUMS:
Minimum invoice, other than repair or repair parts, $50.00 net. All other stated terms apply with regard to prices; payment terms; packaging.

PACKAGING:
Weights shown on the packing slip are based on current policy and can change without notice. In the event of a shortage or other discrepancy, the weight of the shipment will govern.

EMPIRE RESERVES THE RIGHT TO INCREASE OR DECREASE THE QUANTITY AS ORDERED TO NEAREST SUB PACK OR MASTER PACK QUANTITY FOR SHIPMENT.

RETURN POLICY:
Empire products are not to be returned to our Milwaukee location unless prior authorization has been received by our sales department. Wholesalers and dealers are not authorized to make replacements. When returns have been authorized, they should be sent to: Empire Level Manufacturing, Street Address; W229 N1420 Westwood Dr., Waukesha, WI 53186. Mailing Address; P.O. Box 868, Waukesha, WI 53187-0868. RETURNS MUST BE SENT FREIGHT PREPAID. Credit for authorized returns will be issued at the product's current value less applicable return freight costs and packaging.

VIAL CODE

I	2 Plumb — 2 Level — 1 Plumb Pitch
II	2 Plumb — 2 Level
III	2 Plumb — 1 Level Pitch — 1 Level
IV	2 Plumb — 1 Level
V	1 Plumb — 1 Level — 1 Pitch
VI	1 Plumb — 1 Level — 1 45
VII	3 Plumb — 2 Level
VIII	1 Plumb — 1 Level — 1 Protractor
IX	4 Plumb — 1 Level
X	1 Plumb — 1 Level
XI	1 Plumb — 1 Level Pitch — 1 45
XII	1 Plumb — 2 Level Pitch
XIII	2 Plumb — 1 Level (All Green Fluid)
XIV	2 Plumb — 2 Level — 1 Level Pitch

WARRANTY:
All Empire hand tools are warranteed for replacement against damages prior to shipment. Any hand tools found to be damaged during shipment are the responsibility of the carrier and claims should be filed when the product is delivered. Empire products that are labeled ® will be warranteed to be free from imperfections and defects in workmanship for life. These tools will be repaired or replaced without charge when found to be defective. We will not assume responsibility for breakage where flaws do not appear, nor can we replace tools which have been abused, stamped with owner's name, or otherwise experimented upon. NO DEALER IS AUTHORIZED TO MAKE REPLACEMENTS FOR US. Articles claimed to be defective must be processed through your local Empire Level Sales Representative.

EMPIRE®

PAYMENT REMITTANCE
EMPIRE LEVEL MFG. CORP.
BIN #380
MILWAUKEE, WI 53288
FAX: (414) 475-1602
(414) 475-9270

MANUFACTURING HEADQUARTERS
EMPIRE LEVEL MFG. CORP.
P.O. BOX 26187
10950 W. POTTER RD.
MILWAUKEE, WI 53226
(414) 475-9270
FAX: (414) 475-1602

ORDERING INFORMATION
EMPIRE LEVEL MFG. CORP.
STREET ADDRESS;
W229 N1420 WESTWOOD DR.
WAUKESHA, WI 53186
MAILING ADDRESS;
P.O. BOX 868
WAUKESHA, WI 53187-0868
CUSTOMER SERVICE ORDER DEPT.
1-800-558-0722 (414) 521-3171
FAX: (414) 521-3164
8AM to 4:30PM CENTRAL TIME